

United States Of America  
Department of Transportation - Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* ST00053BO

*This Certificate issued to* Simmonds Precision Products, Inc.  
d/b/a Goodrich Corporation  
Fuel and Utility Systems  
100 Panton Road  
Vergennes, Vermont 05491

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 4b of the Civil Air Regulations.*

*Original Product Type Certificate Number :* A3WE

*Make :* Boeing Company

*Model :* 727, 727C, 727-100, -100C, -200, -200F

*Description of Type Design Change:*

Installation of Simmonds Precision Products Fuel Quantity Indicating System incorporating a volumetric top-off function in accordance with Simmonds Precision Installation Drawing List No. E-3248, Revision B, dated November 2, 2004, or later FAA-approved revision.

*Limitations and Conditions:*

1. Simmonds Precision Airplane Flight Manual Supplement No. 10037-AFM-01, Revision 2, dated March 22, 1996, or later FAA-approved revision is required and must be carried during all flights.
2. Instructions for Continued Airworthiness, Goodrich document no. T3065-0005-0101, Revision D, dated March 10, 2004, or later FAA-accepted revision, shall be made available to the operator at the time of installation.
3. Compatibility of this design with previously approved modifications must be determined by the installer.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application :* February 23, 1995

*Date reissued :*

*Date of issuance :* March 22, 1996

*Date amended :* April 19, 2004; November 9, 2004

*By direction of the Administrator*



*(Signature)*

Robert G. Mann  
Manager  
Boston Aircraft Certification Office

*(Title)*